

**Amendments To The Abstract:**

In the English translation document, please add the section heading at page 16 line 1, as follows:

**--ABSTRACT**

The invention relates to a regulation of the temperature of a hot gas of a gas turbine, particularly of a stationary gas turbine used for generating electricity, which comprises an injecting device for injecting a liquid into an airflow, which can be drawn into a compressor and with the aid of which a fuel inside a combustion chamber, which is situated downstream, combusts while producing the hot gas that is subsequently expanded when flowing through the turbine part located downstream. A temperature measuring device is provided that measures the temperature of the airflow before the compressor, whereby the temperature of the hot gas is regulated by the quantity of fuel. The aim of the invention is to provide a regulation with which, during wet compression operation, the serviceable life of the components subjected to the action of hot gas is lengthened. To this end, the invention provides that the temperature measuring device is mounted before the injecting device, and that the temperature of the airflow is calculated at the entry of the compressor by using the measured temperature.--